

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

PLU



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/489,605	01/21/2000	William J. Baer	STL000023US1	6038
23373	7590	08/19/2004	EXAMINER	
SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, N.W. SUITE 800 WASHINGTON, DC 20037			NGUYEN, CAM LINH T	
			ART UNIT	PAPER NUMBER
			2171	

DATE MAILED: 08/19/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/489,605	BAER ET AL.	
	Examiner	Art Unit	
	CamLinh Nguyen	2171	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 July 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☒ Claim(s) 1-20 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. Applicant's amendments to claim 1 – 20 are acknowledged. Consequently, claims 1 – 20 are currently pending.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1 – 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Reynolds et al (U.S. 6,411,993) in view of Friedman et al (U.S. 2003/0208556).

◆ As per claims 1, 6, 11,

Reynolds et al discloses a method for facilitating creation and manipulation of compilations of content selected by a user, comprising:

- “Providing a functional layer for interfacing over a network with a user interface and interfacing with a data repository containing a plurality of content entities.” See Fig. 3. In particular:

- “A functional layer” corresponds to the “Ibook server application 64”
- “Interfacing over a network” corresponds to the “data network 52”
- “A user interface” corresponds to the “client 54, 58, 60”

Art Unit: 2171

- “Interfacing with a data repository containing a plurality of content entities” corresponds to “databases 66 – 76”
- “ The functional layer comprising a plurality of function modules, each function pertaining to the creation or manipulation of a compilation of content.” The Ibook server application 64 handles different functions such as directs the overall operation of Ibook databases 66 – 72 (col. 5 lines 23 – 28), enrollment functions, downloading tools to the user (col. 5 lines 67 – col. 6 lines 6), generating a viewer ID (col. 6 lines 32 – 33); therefore, the server must include plurality of modules to handle these functions.
- “ The plurality of function modules receives request from the user via the user interface and returns information concerning the compilation of content” See Fig. 9, in particular:
 - “Request from the user” corresponds to the “request desired passage from server” element 200 in Fig. 9 col. 11 lines 34 – 43.
 - “The user interface” corresponds to the interface shown in Fig. 8.
 - “Returns information concerning the compilation of content” Fig. 9, element 206, col. 11 lines 43 – 45.

Reynolds does not clearly teach that the plurality of function modules are interfaced over a network with a user via a user interface. Reynolds teaches a method for replicating an Ibook from one server to another server using application 64 (col. 13, lines 56 – 57, Reynolds). The application can be downloaded or referenced (col. 13, lines 59 – 63, Reynolds). Therefore, the client plug-in 80 located in Ibook server can also be located either in the parent server or the client computer.

Friedman, on the other hand, discloses a method for enabling on-line creation of greeting cards. The system includes a “functional layer” (250) for interfacing over a network (205) with the user (210, 212, 220A-B) via a user interface (the interface of user computer) and interfacing with a data repository (280). Friedman teaches that the system allows the user to select from a plurality of cards/image (page 8, paragraph 0084, 0086, Friedman). Friedman teaches that the web server 260 contains modules such as module 266 that can be executed (0056, 0076, 0087, Friedman). The plurality of content entities corresponds to the databases 270 – 280, and 241). The modules are located in the server that interfacing over the network via an interface (0056). It would have been obvious to one with ordinary skill in the art at the time the invention was made to modify the system of Reynolds by placing the modules in the server as taught by Friedman because the combination would reduce the network traffic and allow the user can access the content anywhere without download the module into their computers.

◆ As per claims 2 - 3, 7 – 8, 12 – 13,

- “One of the function modules creates a list of content entity identifiers defining the content and order of a compilation.” See col. 9 lines 36 – 50, Reynolds. The server application 64 causes information to be stored in databases including the identities, time/date, which identify the order of information, also can be stored. When the user view the information, this information can represents as a list (col. 10 lines 45 – 57, Reynolds). The server also can provide an index that to be stored in database (col. 14 lines 46 – 51, Reynolds), or a list (col. 15 lines 54 – 60, Reynolds).
- “ At least one function module manipulates the list to redefine the content” See col. 12 lines 9 – 11, Reynolds.

- ◆ As per claims 4 – 5, 9 – 10, 14 – 15,
 - “The compilation is hierarchically structured and wherein one of the function modules creates an outline of containers and content entity identifiers.” Reynolds teaches, “Various techniques may be used to represent the contents of iBook Web pages (e.g., the iBook Web pages in iBook Web pages database 76). For example, iBook Web pages may be represented by static data. Alternatively, iBook Web pages may be represented by code that is capable of generating the Web page contents, e.g., code that generates the entries of a table or list.” See col. 15 lines 54 – 60, Reynolds. Therefore, the compilation can also represent as a hierarchically structured.
 - A “list” corresponds to the “outline.”
- ◆ As per claims 16 – 18,
 - “One of the function modules calculates a price for the compilation of content” See Fig. 10, col. 12 lines 4 – 22, Reynolds.
- ◆ As per claims 19 – 20,
 - “The plurality of content entities comprise catalogs of data stored in the data repository” See Fig. 2, Reynolds, page 5, paragraph 0059, 0064, Friedman.
 - “Said containers comprise at least one book having at least one volume and at least one chapter” See col. 3, lines 51 – 62, Reynolds.

Response to Arguments

3. Applicant's arguments with respect to claims 1 - 20 have been considered and found persuasive. Accordingly, the finality of the Office Action mailed 04/21/2004 is withdrawn.


Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CamLinh Nguyen whose telephone number is 305-1951. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic can be reached on 308-1436. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LN


SAFET METJAHIC
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100